



1761

Please type a plus sign (+) inside this box → +

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing) <b>Total Number of Pages In This Submission:</b>	<b>Application Number</b>	10/008,802
	<b>Filing Date</b>	November 13, 2001
	<b>First Named Inventor</b>	Shi et al.
	<b>Group Art Unit</b>	1761
	<b>Examiner Name</b>	Unknown
	<b>Attorney Docket Number</b>	1952

RECEIVED  
JUL 16 2003  
GROUP 1700

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declarations(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Doc(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal, Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard Receipt PTO-1449 and 10 references Copy of European Search Report
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

<b>Firm Or Individual Name -</b>	David P. LeCroy, Reg. No. 37,869
<b>Signature -</b>	
<b>Date -</b>	July 11, 2003

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 07/11/03			
<b>Typed or Printed Name</b>	Deborah J. Mouzon		
<b>Signature</b>		<b>Date</b>	07/11/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 720231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



PATENT APPLICATION  
Attorney Docket No. 1952

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
JUL 16 2003  
GROUP 1700

APPLICANTS: SHI, Yong-Cheng *et al.*  
SERIAL NO.: 10/008 802 GROUP ART UNIT: 1761  
FILED: 13 November 2001 EXAMINER: UNKNOWN  
ENTITLED: USE OF CONVERTED LOW-VISCOSITY, HIGH SOLIDS STARCH IN FOODS

CERTIFICATE of MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence and any attachments referred to therein is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 11 July 2003.

  
Deborah Mouzon

Mail Stop  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

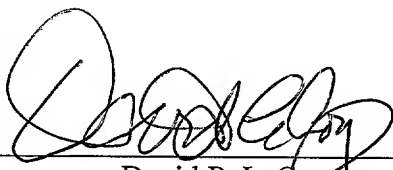
In compliance with 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that the references listed on the accompanying form PTO-1449 be made of record and considered with respect to the above referenced United States patent application. A copy of each reference is enclosed.

The references were cited in the European Search Report ('EPSR') of the corresponding European Patent Application. A copy of the EPSR is also enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information is, or is considered to be, material to patentability, or that the information is analogous to the subject matter of the present invention, or that no other material information exists. Further, the filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Written notification that the enclosed references have been considered in their entirety by return of a copy of the enclosed PTO-1449 form, completed by the Examiner, is respectfully requested.

Respectfully submitted,

Dated: 11 July 2003  
NATIONAL STARCH AND CHEMICAL  
COMPANY  
10 Finderne Avenue  
Bridgewater, New Jersey 08807  
Phone 908.685.5433  
Fax 908.707.3706

  
David P. LeCroy  
Attorney for Applicants  
Reg. No. 37,869



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
☎ +31 70 340 2040  
TX 31651 epo nl  
FAX +31 70 340 3016

Europäisches  
Patentamt

Zweigstelle  
in Den Haag  
Recherchen-  
abteilung

European  
Patent Office

Branch at  
The Hague  
Search  
division

Office européen  
des brevets

Département à  
La Haye  
Division de la  
recherche

Held, Stephan, Dr.rer.nat., Dipl.-Chem.

Meissner, Bolte & Partner

Postfach 86 03 29

81630 München

ALLEMAGNE

MEISSNER, BOLTE  
& PARTNER

Eing.: 22. April 2003

Datum/Date

22.04.03

RECEIVED  
JUL 16 2003  
GROUP 1700

Zeichen/Ref./Réf.

Pat 74/717-02

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°

02025045.2-2115-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

National Starch and Chemical Investment Holding Corporation

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: NONE

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	US 5 569 483 A (TIMONEN MARITTA ET AL) 29 October 1996 (1996-10-29) * column 5, line 47 - line 67 * * column 7, line 15 - line 28 * * column 23, line 39 - column 24, line 29 * * example 6 * ---	1-21	C12P19/22 C08B30/12 C08B30/18 C08B31/00 C08L3/00 C08L3/02 A23P1/08 A23G3/00 A21D13/08
X	EP 0 242 913 A (AVEBE COOP VERKOOP PROD) 28 October 1987 (1987-10-28) * claim 7; examples 1-4 * * column 3, line 49 * * column 4, line 8 - line 13 * * column 2, line 1 - column 3, line 11 * ---	1-6,8-21	
D,X	US 5 599 569 A (CHIU CHUNG-WAI ET AL) 4 February 1997 (1997-02-04) * column 1, line 38 - line 45 * * column 1, line 65 - column 2, line 26 * * column 3, line 22 - line 33 * * claims 1-4 * ---	1-15, 19-21	
D,X	US 4 977 252 A (CHIU CHUNG-WAI) 11 December 1990 (1990-12-11) * column 3, line 52 - column 4, line 33 * * column 5, line 28 - line 54 * * example 1 * * column 8, line 53 - line 58 * ---	16-19	TECHNICAL FIELDS SEARCHED (Int.CI.7) C12P C08B C08L A23P A23G A21D
X	WO 97 00620 A (CERESTAR USA INC) 9 January 1997 (1997-01-09)  * page 4, line 20 - line 28 * * page 6, line 22 - line 33 * * page 5, line 34 - page 6, line 7 * * page 7, line 21 - line 29 * * examples 5-7 * --- -/--	1-4,6,7, 10,12, 14,15	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 15 January 2003	Examiner Gerber, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 254 353 A (HUANG VICTOR T ET AL) 19 October 1993 (1993-10-19) * column 2, line 13 - line 27 * * example 1 * * claims 1-12 *	1-5, 10, 12, 14, 15	
X	EP 0 480 433 A (NAT STARCH CHEM INVEST) 15 April 1992 (1992-04-15) * page 4, line 1 - line 10 * * page 4, line 39 - page 5, line 8 * * page 7, line 11 - line 15 * * examples 3, 9, 10, 12 *	1-6, 10, 12, 14, 15	
X	US 4 762 721 A (HOLSCHER EBO J ET AL) 9 August 1988 (1988-08-09) * column 1, line 5 - line 22 * * column 2, line 29 - line 37 * * examples I-VII *	1-5, 12, 14	
X	PATENT ABSTRACTS OF JAPAN vol. 006, no. 244 (C-138), 2 December 1982 (1982-12-02) & JP 57 144948 A (NIKKEN KAGAKU KK), 7 September 1982 (1982-09-07) * abstract *	1-6, 8-21	
X	PATENT ABSTRACTS OF JAPAN vol. 007, no. 007 (C-144), 12 January 1983 (1983-01-12) & JP 57 166943 A (NIKKEN KAGAKU KK), 14 October 1982 (1982-10-14) * abstract *	1-6, 8-10, 12-21	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 15 January 2003	Examiner Gerber, M
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 02 5045

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-01-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5569483 A	29-10-1996	US 5366755 A	22-11-1994
		US 5525368 A	11-06-1996
		US 5543162 A	06-08-1996
		US 5354424 A	11-10-1994
		AT 138388 T	15-06-1996
		AT 127664 T	15-09-1995
		AU 631842 B2	10-12-1992
		AU 4933390 A	16-08-1990
		AU 4933490 A	16-08-1990
		AU 620207 B2	13-02-1992
		AU 4933590 A	16-08-1990
		CA 2009675 A1	10-08-1990
		CA 2009676 A1	10-08-1990
		CA 2009677 A1	10-08-1990
		DE 69022260 D1	19-10-1995
		DE 69022260 T2	14-03-1996
		DE 69027054 D1	27-06-1996
		DE 69027054 T2	31-10-1996
		DE 382576 T1	13-06-1991
		DE 382577 T1	13-06-1991
		DE 382578 T1	13-06-1991
		DK 382577 T3	17-06-1996
		DK 382578 T3	09-10-1995
		EP 0382576 A1	16-08-1990
		EP 0382577 A1	16-08-1990
		EP 0382578 A2	16-08-1990
		ES 2022084 T3	16-10-1996
		ES 2022087 T3	16-02-1996
		FI 103583 B1	30-07-1999
		GR 91300043 T1	15-11-1991
		GR 91300045 T1	15-11-1991
		GR 91300047 T1	15-11-1991
		GR 3018003 T3	29-02-1996
		GR 3020441 T3	31-10-1996
		JP 2245001 A	28-09-1990
		JP 3071442 B2	31-07-2000
		JP 2245002 A	28-09-1990
		JP 2915044 B2	05-07-1999
		JP 3022961 A	31-01-1991
		NZ 232432 A	25-09-1991
		NZ 232433 A	21-12-1990
		NZ 232434 A	25-09-1991
		AU 8174291 A	13-02-1992
		CA 2042559 A1	11-02-1992
		EP 0470870 A1	12-02-1992
		FI 913094 A	11-02-1992

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 02 5045

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-01-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5569483	A	FI 913095 A	11-02-1992
		JP 4229157 A	18-08-1992
EP 0242913	A 28-10-1987	NL 8600937 A	02-11-1987
		EP 0242913 A2	28-10-1987
		US 4780149 A	25-10-1988
US 5599569	A 04-02-1997	NONE	
US 4977252	A 11-12-1990	AT 199092 T	15-02-2001
		AU 607071 B2	21-02-1991
		AU 3476289 A	22-02-1990
		CA 1333894 A1	10-01-1995
		CN 1040374 A , B	14-03-1990
		DE 68929281 D1	15-03-2001
		DE 68929281 T2	23-05-2001
		DK 116589 A	12-09-1989
		EP 0332027 A1	13-09-1989
		ES 2155432 T3	16-05-2001
		FI 891091 A	12-09-1989
		JP 2055702 A	26-02-1990
		JP 2540204 B2	02-10-1996
		KR 9210521 B1	04-12-1992
		MX 163960 B	06-07-1992
		NO 891039 A , B ,	12-09-1989
		NZ 228451 A	26-04-1991
		PH 27035 A	01-02-1993
		PT 89979 A , B	10-11-1989
		US 5185176 A	09-02-1993
		ZA 8903377 A	27-06-1990
WO 9700620	A 09-01-1997	WO 9700620 A1	09-01-1997
US 5254353	A 19-10-1993	US 5354567 A	11-10-1994
EP 0480433	A 15-04-1992	CA 2052969 A1	13-04-1992
		EP 0480433 A2	15-04-1992
		JP 4311356 A	04-11-1992
		JP 7046971 B	24-05-1995
		US 5281432 A	25-01-1994
US 4762721	A 09-08-1988	NL 8501283 A	01-12-1986
		AT 36444 T	15-09-1988
		AU 567235 B2	12-11-1987
		AU 5715186 A	13-11-1986
		CA 1286141 A1	16-07-1991



**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 02 5045

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-01-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4762721 A		DE 3660523 D1	22-09-1988
		EP 0205195 A1	17-12-1986
JP 57144948 A	07-09-1982	NONE	
JP 57166943 A	14-10-1982	NONE	

Form PTO-1449  
(REV. 7/80)U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 1952

Serial No.  
10/008,802LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

Applicant: Shi et. al.

Filing Date: November 13, 2001

Group 1761

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	US 4,762,721	08/1988	Holscher et al.	426	94	05/1986
	AB	US 4,977,252	12/1990	Chiu, Chung-Wai	536	102	08/1988
	AC	US 5,254,353	10/1993	Huang et al.	426	94	05/1992
	AD	US 5,569,483	10/1996	Timonen et al.	426	658	06/1994
	AE	US 5,599,569	02/1997	Chiu et al.	426	48	03/1995
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	EP 0 242 913	10/1987	Europe	C12P	19/22	X	
	AM	EP 0 480 433 A2	04/1992	Europe	A23L	1/325	X	
	AN	WO 97/00620	01/1997	PCT	A23G	3/30	X	
	AO	JP 57144948	09/1982	Japan	A23L	1/00	Abstract	
	AP	JP 57166943	10/1982	Japan	A23L	1/00	Abstract	

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.